IN THE CLAIMS

Please **cancel** claims 2, 4, and 5.

Please **amend** claim 1 with the following rewritten claim:

1. (AMENDED) An isolated DNA molecule comprising a nucleotide sequence encoding a polypeptide comprising the amino acid sequence of SEQ ID NO:4 or of amino acids 19-146 of SEQ ID NO:4.

Please **amend** claim 3 with the following rewritten claim:

3. (AMENDED) The DNA molecule of Claim 1 wherein said nucleotide sequence comprises the nucleotide sequence of nucleotides 81-521 of SEQ ID NO:3.

Please **amend** claim 8 with the following rewritten claim:

8. (AMENDED) The host cell of claim **7** which is *E. coli*.

Please **amend** claim 9 with the following rewritten claim:

9. (AMENDED) The host cell of claim **7** which is a eukaryotic cell.

Please **amend** claim 10 with the following rewritten claim:

10. (AMENDED) A method for producing a LYC3 protein comprising:

(a) introducing an expression vector for production of LYC3 protein, said vector comprising a nucleotide sequence encoding a polypeptide having the amino acid sequence of SEQ ID NO:4 or of amino acids 19-146 of SEQ ID NO:4, wherein said nucleotide sequence is

operably linked to at least one expression control sequence, into a host cell, thereby forming a recombinant host cell;

(b) culturing the recombinant host cell of (a) under conditions suitable for expression of the DNA molecule encoding the polypeptide, such that LYC3 protein is produced; and

(c) isolating the LYC3 protein so produced.

Please **add** claim 15 as follows:

15. (AMENDED) An isolated LYC3 polypeptide comprising a polypeptide having an amino acid sequence selected from the group consisting of SEQ ID NO:4 and amino acids 19-146 of SEQ ID NO:4.